



The general tendencies of change the level of ocean and angular speed of rotation of the Earth.

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Data of change of a level of ocean (TOPEX-POSEIDON) and parameters of rotation of the Earth (UT1-UTC) are processed. The period 1992-2005 is considered. According to geodetic measurements it is established, that in 1998 polar compression of the Earth has increased. The form of the Earth has changed. The same year has increased UT1-UTC. It is established, that till 1997 of change of a level of ocean and UT1-UTC had no statistical connection. Before increase UT1-UTC the abnormal increase of a level of ocean is fixed. Anomaly of a level of ocean is fixed in the beginning of November 1997. Abnormal increase UT1-UTC is fixed January - August 1998. After that between a level of ocean and UT1-UTC statistical dependence is fixed. At increase of a level of ocean it is increased UT1-UTC. It is possible to put forward a hypothesis. In November 1997 as a result of change of volume of the Earth a level of ocean it is abnormal has increased. In 2-9 months it has resulted in abnormal increase UT1-UTC. In other cases the increase of a level of ocean occurs after increase UT1-UTC. It is typical. Angular speed of rotation of the Earth changes its volume too.